

SeqList.702.301.ST25.txt
SEQUENCE LISTING

<110> Li, Xianqiang

<120> METHOD, ARRAY AND KIT FOR DETECTING ACTIVATED TRANSCRIPTION FACTORS

<130> 26757-702.301

<150> 09/877,243

<151> 2001-06-08

<160> 162

<170> PatentIn version 3.1

<210> 1

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP01

<400> 1

cgcttgatga ctcagccgga a

21

<210> 2

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP02

<400> 2

ttccggctga gtcatcaagc g	SeqList.702.301.ST25.txt	21
<210> 3		
<211> 26		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP03		
<400> 3		
gatcgaactg accgcccgcg gcccg		26
<210> 4		
<211> 26		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP04		
<400> 4		
acgggccgcg ggcggtcagt tcgatc		26
<210> 5		
<211> 23		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP05		
<400> 5		
gtctggtaca ggggtgttctt ttt		23
<210> 6		
<211> 23		
<212> DNA		

<213> Artificial sequence

<220>

<223> Transcription factor probe PP06

<400> 6

aaaaagaaca ccctgtacca gac

23

<210> 7

<211> 18

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP07

<400> 7

cacagctcat taacgcgc

18

<210> 8

<211> 18

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP08

<400> 8

gcgcgttaat gagctgtg

18

<210> 9

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP09

<400> 9

tgcatgattgc gcaatctgca	SeqList.702.301.ST25.txt	20
<210> 10		
<211> 20		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP10		
<400> 10		
tgcatgattgc gcaatctgca		20
<210> 11		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP11		
<400> 11		
agaccgtacg tgattgggta atctctt		27
<210> 12		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP12		
<400> 12		
aagagattaa ccaatcacgt acgttct		27
<210> 13		
<211> 27		
<212> DNA		

<213> Artificial sequence

<220>

<223> Transcription factor probe PP13

<400> 13

acccaatgat tattagccaa tttctga

27

<210> 14

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP14

<400> 14

tcagaaattg gctaataatc attgggt

27

<210> 15

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP15

<400> 15

tacaggcata acggttccgt agtga

25

<210> 16

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP16

<400> 16

tcactacgga accgttatgc ctgta	SeqList.702.301.ST25.txt	25
<210> 17		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP17		
<400> 17		
agagattgcc tgacgtcaga gagctag		27
<210> 18		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP18		
<400> 18		
ctagctctct gacgtcaggc aatctct		27
<210> 19		
<211> 25		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP19		
<400> 19		
atttaagttt cgcgcccttt ctcaa		25
<210> 20		
<211> 25		
<212> DNA		

<213> Artificial sequence

<220>

<223> Transcription factor probe PP20

<400> 20

ttgagaaagg gcgcgaaact taaat

25

<210> 21

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP21

<400> 21

ggatccagcg ggggagcg ggggcca

27

<210> 22

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP22

<400> 22

tggccccgc tcgccccgc tggatcc

27

<210> 23

<211> 35

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP23

<400> 23

SeqList.702.301.ST25.txt
gtccaaagtc aggtcacagt gacctgatca aagtt 35

<210> 24

<211> 35

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP24

<400> 24

aactttgatc aggtcactgt gacctgactt tggac 35

<210> 25

<211> 31

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP25

<400> 25

ggaggagggc tgcttgagga agtataagaa t 31

<210> 26

<211> 31

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP26

<400> 26

attcttatac ttcctcaagc agccctcctc c 31

<210> 27

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP27

<400> 27

gatctcgagc aggaagttcg a

21

<210> 28

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP28

<400> 28

tcgaacttcc tgctcgagat c

21

<210> 29

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP29

<400> 29

cggattgtgt attggctgta c

21

<210> 30

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP30

<400> 30

gtacagccaa tacacaatcc g

21

<210> 31

<211> 32

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP31

<400> 31

cgaagtactt tcagtttcat attactctac aa

32

<210> 32

<211> 32

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP32

<400> 32

ttgtagagta atatgaaact gaaagtactt cg

32

<210> 33

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP33

<400> 33

cacttgataa cagaaagtga taactct

27

<210> 34

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP34

<400> 34

agagttatca ctttctgtta tcaagtg

27

<210> 35

<211> 41

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP35

<400> 35

gaccctagag gatctgtaca ggatgttcta gatccaattc g

41

<210> 36

<211> 41

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP36

<400> 36

cgaattggat ctagaacatc ctgtacagat cctctagggt c

41

<210> 37

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP37

<400> 37

ctcagcttgt actttggtac aacta	SeqList.702.301.ST25.txt	25
<210> 38		
<211> 25		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP38		
<400> 38		
tagttgtacc aaagtacaag ctgag		25
<210> 39		
<211> 22		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP39		
<400> 39		
ggaagcgaaa atgaaattga ct		22
<210> 40		
<211> 22		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP40		
<400> 40		
agtcaatttc attttcgctt cc		22
<210> 41		
<211> 25		
<212> DNA		

<213> Artificial sequence

<220>

<223> Transcription factor probe PP41

<400> 41

gatcccccca acacctgctg cctga

25

<210> 42

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP42

<400> 42

tcaggcagca ggtggtgggg ggatc

25

<210> 43

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP43

<400> 43

gacgctcta aaaataaccc tgtcg

25

<210> 44

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP44

<400> 44

	SeqList.702.301.ST25.txt	
cgacaggggtt atttttagag cgatc		25
<210> 45		
<211> 26		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP45		
<400> 45		
ggaagcagac cacgtggtct gcttcc		26
<210> 46		
<211> 26		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP46		
<400> 46		
ggaagcagac cacgtggtct gcttcc		26
<210> 47		
<211> 25		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP47		
<400> 47		
ttttggattg aagccaatat gataa		25
<210> 48		
<211> 25		
<212> DNA		

<213> Artificial sequence

<220>

<223> Transcription factor probe PP48

<400> 48

ttatcatatt ggcttcaatc caaaa

25

<210> 49

<211> 30

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP49

<400> 49

acgcccaaag aggaaaattt gtttcataca

30

<210> 50

<211> 30

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP50

<400> 50

tgtatgaaac aaattttcct ctttgggcgt

30

<210> 51

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP51

<400> 51

	SeqList.702.301.ST25.txt	
cgctccgcgg ccattctggc ggctggt		27
<210> 52		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP52		
<400> 52		
accagccgcc aagatggccg cggagcg		27
<210> 53		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP53		
<400> 53		
tggggaacct gtgctgagtc actggag		27
<210> 54		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP54		
<400> 54		
ctccagtgac tcagcacagg ttcccca		27
<210> 55		
<211> 22		
<212> DNA		

<213> Artificial sequence

<220>

<223> Transcription factor probe PP55

<400> 55

agttgagggg actttcccag gc

22

<210> 56

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP56

<400> 56

gcctgggaaa gtcccctcaa ct

22

<210> 57

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP57

<400> 57

tgtcgaatgc aaatcactag aa

22

<210> 58

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP58

<400> 58

ttctagtgat ttccattcga ca	SeqList.702.301.ST25.txt	22
<210> 59		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP59		
<400> 59		
tacagaacat gtctaagcat gctgggg		27
<210> 60		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP60		
<400> 60		
ccccagcatg cttagacatg ttctgta		27
<210> 61		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP61		
<400> 61		
gaatggggca ctgaggcgtg accaccg		27
<210> 62		
<211> 27		
<212> DNA		

<213> Artificial sequence

<220>

<223> Transcription factor probe PP62

<400> 62

cggtgggtcac gcctcagtgc cccattc

27

<210> 63

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP63

<400> 63

cgaattgatt gatgcactaa ttggag

26

<210> 64

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP64

<400> 64

ctccaattag tgcataatc aattcg

26

<210> 65

<211> 28

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP65

<400> 65

tgtcttcctg aatatgaata agaaataa

28

<210> 66

<211> 28

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP66

<400> 66

ttattttctta ttcattattca ggaagaca

28

<210> 67

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP67

<400> 67

caaaactagg tcaaagggtca

20

<210> 68

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP68

<400> 68

tgacctttga cctagttttg

20

<210> 69

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP69

<400> 69

gatacctgtac aggatgttct agctaca

27

<210> 70

<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP70

<400> 70

tgtagctaga acatcctgta caggatc

27

<210> 71

<211> 31

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP71

<400> 71

tcgagggtag gggtcaccga aagttcactc g

31

<210> 72

<211> 31

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP72

<400> 72

	SeqList.702.301.ST25.txt	
cgagtgaact ttcggtgaac cctaccctcg a		31
<210> 73		
<211> 26		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP73		
<400> 73		
agcttcaggt cagaggtcag agagct		26
<210> 74		
<211> 26		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP74		
<400> 74		
agctctctga cctctgacct gaagct		26
<210> 75		
<211> 27		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP75		
<400> 75		
gtgcatttcc cgtaaattctt gtctaca		27
<210> 76		
<211> 27		
<212> DNA		

<213> Artificial sequence

<220>

<223> Transcription factor probe PP76

<400> 76

tgtagacaag atttacggga aatgcac

27

<210> 77

<211> 16

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP77

<400> 77

agtatgtcta gactga

16

<210> 78

<211> 16

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP78

<400> 78

tcagtctaga catact

16

<210> 79

<211> 39

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP79

<400> 79

tcgagagcca gacaaaaagc cagacattta gccagacac 39

<210> 80

<211> 39

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP80

<400> 80

gtgtctggct aaatgtctgg ctttttgtct ggctctcga 39

<210> 81

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP81

<400> 81

attcgatcgg ggcggggcga g 21

<210> 82

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP82

<400> 82

ctcgccccgc cccgatcgaa t 21

<210> 83

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP83

<400> 83

ggatgtccat attaggacat ct

22

<210> 84

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP84

<400> 84

agatgtccta atatggacat cc

22

<210> 85

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP85

<400> 85

catgttatgc atattcctgt aagtg

25

<210> 86

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP86

<400> 86

SeqList.702.301.ST25.txt
cacttacagg aatatgcata acatg 25

<210> 87

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP87

<400> 87

gatccttctg ggaattccta gatc 24

<210> 88

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP88

<400> 88

gatctaggaa ttcccagaag gatc 24

<210> 89

<211> 33

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP89

<400> 89

ctagagcctg atttccccga aatgatgagc tag 33

<210> 90

<211> 33

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP90

<400> 90

ctagctcatc atttcgggga aatcaggctc tag

33

<210> 91

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP91

<400> 91

agatttctag gaattcaatc c

21

<210> 92

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP92

<400> 92

ggattgaatt cctagaaatc t

21

<210> 93

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP93

<400> 93

gtatttccca gaaaaggaac

20

<210> 94

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP94

<400> 94

gttccttttc tgggaaatac

20

<210> 95

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP95

<400> 95

gcagagcata taaaatgagg tagga

25

<210> 96

<211> 25

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP96

<400> 96

tcctacctca ttttatatgc tctgc

25

<210> 97

<211> 32

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP97

<400> 97

gatcgtaaga ttcaggatcat gacctgagga ga

32

<210> 98

<211> 32

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP98

<400> 98

tctcctcagg tcatgacctg aatcttacga tc

32

<210> 99

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP99

<400> 99

agcttcaggt cacaggaggt cagagagct

29

<210> 100

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP100

<400> 100

agctctctga cctcctgtga cctgaagct 29

<210> 101

<211> 23

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP101

<400> 101

cacccgggtca cgtggcctac acc 23

<210> 102

<211> 23

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP102

<400> 102

ggtgtaggcc acgtgaccgg gtg 23

<210> 103

<211> 28

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP103

<400> 103

agcttcaggt caaggaggtc agagagct 28

<210> 104

<211> 28

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP104

<400> 104

agctctctga cctccttgac ctgaagct

28

<210> 105

<211> 15

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP105

<400> 105

ctggaatttt ctaga

15

<210> 106

<211> 15

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP106

<400> 106

tctagaaaat tccag

15

<210> 107

<211> 15

<212> DNA

<213> Artificial sequence

<220>

<223> Transcription factor probe PP107

<400> 107

	SeqList.702.301.ST25.txt	
ctctgcgccc ggccc		15
<210> 108		
<211> 15		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Transcription factor probe PP108		
<400> 108		
gggccgggcg cagag		15
<210> 109		
<211> 63		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Hybridization probe MP02		
<400> 109		
ttccggctga gtcacaaagc gttccggctg agtcacaaag cgttccggct gaggacacaa		60
gcg		63
<210> 110		
<211> 78		
<212> DNA		
<213> Artificial sequence		
<220>		
<223> Hybridization probe MP04		
<400> 110		
acgggcccgcg ggcgggtcagt tcgacacagc gccgcgggag gtcagttcga tcacggggccg		60
cgggcgggtca gttcgatc		78
<210> 111		

<211> 69

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP06-1

<400> 111

aaaaagaaca ccctgtacca gacaaaaaga acaccctgta ccagacaaaa agaaccacct 60

gtaccagac 69

<210> 112

<211> 54

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP08

<400> 112

gcgcgttaat gagctgtggc gcgttaatga gctgtggcgc gttaatgagc tgtg 54

<210> 113

<211> 60

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP10

<400> 113

tgcagattgc gcaatctgca tgcagattgc gcaatctgca tgcagattgc gcaatctgca 60

<210> 114

<211> 81

<212> DNA

<213> Artificial sequence

SeqList.702.301.ST25.txt

<220>

<223> Hybridization probe MP12

<400> 114

aagagattaa ccaatcacgt acggtctaag agattaacca atcacgtacg gtctaagaga 60

ttaaccaatc acgtacgggc t 81

<210> 115

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP14

<400> 115

tcagaaattg gctaataatc attgggttca gaaattggct aataatcatt gggttcagaa 60

attggctaata atcattggg t 81

<210> 116

<211> 75

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP16

<400> 116

tcactacgga accgttatgc ctgtatcact acggaaccgt tatgcctgta tcactacgga 60

accgttatgc ctgta 75

<210> 117

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP18

<400> 117

ctagctctct gacgtcaggc aatctctcta gctctctgac gtcaggcaat ctctctagct 60

ctctgacgtc aggcaatctc t 81

<210> 118

<211> 75

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP20

<400> 118

ttgagaaagg gcgcgaaact taaatttgag aaagggcgcg aaacttaaata ttgagaaagg 60

gcgcgaaact taaat 75

<210> 119

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP22

<400> 119

tggccccgc tcgccccgc tggatcctgg cccccgctcg cccccgctgg atcctggccc 60

ccgctcgccc ccgctggatc c 81

<210> 120

<211> 70

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP24

<400> 120

aactttgatc aggtcactgt gacctgactt tggacaactt tgatcaggtc actgtgacct 60
gactttggac 70

<210> 121
<211> 93
<212> DNA
<213> Artificial sequence

<220>
<223> Hybridization probe MP26
<400> 121
attcttatac ttctcaagc agccctctc cattcttata ctctctcaag cagccctcct 60
ccattcttat acttctcaa gcagccctcc tcc 93

<210> 122
<211> 63
<212> DNA
<213> Artificial sequence

<220>
<223> Hybridization probe MP28
<400> 122
tcgaacttcc tgctcgagat ctggaacttc ctgctcgaga tctcgaactt cctgctcgag 60
atc 63

<210> 123
<211> 63
<212> DNA
<213> Artificial sequence

<220>
<223> Hybridization probe MP30
<400> 123
gtacagccaa tacacaatcc ggtacagcca atacacaatc cggtacagcc aatacacaat 60
ccg 63

SeqList.702.301.ST25.txt

<210> 124

<211> 96

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP32

<400> 124

ttgtagagta atatgaaact gaaagtactt cgttgtagag taatatgaaa ctgaaagtac 60

ttcgtttag agtaatatga aactgaaagt acttcg 96

<210> 125

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP34

<400> 125

agagttatca ctttctgtta tcaagtgaga gttatcactt tctgttatca agtgagagtt 60

atcactttct gttatcaagt g 81

<210> 126

<211> 82

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP36

<400> 126

cgaattggat ctagaacatc ctgtacagat cctctagggt ccgaattgga tctagaacat 60

cctgtacaga tcctctaggg tc 82

<210> 127

SeqList.702.301.ST25.txt

<211> 75

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP38

<400> 127

tagttgtacc aaagtacaag ctgagtagtt gtaccaaagt acaagctgag tagttgtacc 60

aaagtacaag ctgag 75

<210> 128

<211> 66

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP40

<400> 128

agtcaatttc attttcgctt ccagtcaatt tcattttcgc ttccagtcaa tttcattttc 60

gcttcc 66

<210> 129

<211> 75

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP42

<400> 129

tcaggcagca ggtgttgggg ggatctcagg cagcaggtgt tggggggatc tcaggcagca 60

ggtgttgggg ggatc 75

<210> 130

<211> 75

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP44

<400> 130

cgacagggtt attttttagac cgatccgaca gggttatttt tagaccgatc cgacagggtt 60

atttttagac cgatc 75

<210> 131

<211> 78

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP46

<400> 131

ggaagcagac cacgtggtct gcttccggaa gcagaccacg tggctctgctt ccggaagcag 60

accacgtggt ctgcttcc 78

<210> 132

<211> 75

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP48

<400> 132

ttatcatatt ggcttcaatc caaaattatc atattggctt caatccaaaa ttatcatatt 60

ggcttcaatc caaaa 75

<210> 133

<211> 90

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP50

<400> 133

tgtatgaaac aaattttcct ctttgggcgt tgtatgaaac aaattttcct ctttgggcgt 60

tgtatgaaac aaattttcct ctttgggcgt 90

<210> 134

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP52

<400> 134

accagccgcc aagatggccg cggagcgacc agccgccaag atggccgcgg agcgaccagc 60

cgccaagatg gccgcggagc g 81

<210> 135

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP54

<400> 135

ctccagtgcac tcagcacagg ttccccactc cagtgactca gcacagggtc cccactccag 60

tgactcagca caggttcccc a 81

<210> 136

<211> 66

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP56

<400> 136

gcctgggaaa gtccctcaa ctgcctggga aagtccttc aactgcctgg gaaagtcccc 60

tcaact 66

<210> 137

<211> 66

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP58

<400> 137

ttctagtgat ttccattcga cattctagtg atttccattc gacattctag tgatttccat 60

tcgaca 66

<210> 138

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP60

<400> 138

ccccagcatg cttagacatg ttctgtaccc cagcatgctt agacatgttc tgtaccccag 60

catgcttaga catgttctgt a 81

<210> 139

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP62

SeqList.702.301.ST25.txt

<400> 139
 cggtggtcac gcctcagtcg cccattccgg tggtcacgcc tcagtgcgcc attccggtgg 60
 tcacgcctca gtgccccatt c 81

<210> 140
 <211> 78
 <212> DNA
 <213> Artificial sequence

<220>
 <223> Hybridization probe MP64
 <400> 140
 ctccaattag tgcataatc aattcgctcc aattagtgc tcaatcaatt cgctccaatt 60
 agtgcataca tcaattcg 78

<210> 141
 <211> 84
 <212> DNA
 <213> Artificial sequence

<220>
 <223> Hybridization probe MP66
 <400> 141
 ttatttttta ttcataattca ggaagacatt atttcttatt catattcagg aagacattat 60
 ttcttattca tattcaggaa gaca 84

<210> 142
 <211> 60
 <212> DNA
 <213> Artificial sequence

<220>
 <223> Hybridization probe MP68
 <400> 142
 tgacctttga cctagttttg tgacctttga cctagttttg tgacctttga cctagttttg 60

SeqList.702.301.ST25.txt

<210> 143

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP70

<400> 143

tgtagctaga acatcctgta caggatctgt agctagaaca tcctgtacag gatctgtagc 60

tagaacatcc tgtacaggat c 81

<210> 144

<211> 93

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP72

<400> 144

cgagtgaact ttcggtgaac cctaccctcg acgagtgaac tttcggtgaa ccctaccctc 60

gacgagtga ctttcggtga accctaccct cga 93

<210> 145

<211> 78

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP74

<400> 145

agctctctga cctctgacct gaagctagct ctctgacctc tgacctgaag ctagctctct 60

gacctctgac ctgaagct 78

<210> 146

SeqList.702.301.ST25.txt

<211> 81

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP76

<400> 146

tgtagacaag atttacggga aatgcactgt agacaagatt tacgggaaat gcactgtaga 60

caagatttac gggaaatgca c 81

<210> 147

<211> 64

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP78

<400> 147

tcagtctaga catacttcag tctagacata cttcagtcta gacatacttc agtctagaca 60

tact 64

<210> 148

<211> 117

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP80

<400> 148

gtgtctggct aaatgtctgg ctttttgtct ggctctcgag tgtctggcta aatgtctggc 60

tttttgtctg gctctcgagt gtctggctaa atgtctggct ttttgtctgg ctctcga 117

<210> 149

<211> 63

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP82

<400> 149

ctcgccccgc cccgatcgaa tctcgccccg ccccgatcga atctcgcccc gccccgatcg 60

aat 63

<210> 150

<211> 66

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP84

<400> 150

agatgtccta atatggacat ccagatgtcc taatatggac atccagatgt cctaatatgg 60

acatcc 66

<210> 151

<211> 75

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP86

<400> 151

cacttacagg aatatgcata acatgcactt acaggaatat gcataacatg cacttacagg 60

aatatgcata acatg 75

<210> 152

<211> 72

<212> DNA

<213> Artificial sequence

SeqList.702.301.ST25.txt

<220>

<223> Hybridization probe MP88

<400> 152

gatctaggaa ttcccagaag gatcgatcta ggaattccca gaaggatcga tctaggaatt 60
cccagaagga tc 72

<210> 153

<211> 99

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP90

<400> 153

ctagctcatc atttcgggga aatcaggctc tagctagctc atcatttcgg ggaaatcagg 60
ctctagctag ctcatcattt cggggaaatc aggctctag 99

<210> 154

<211> 63

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP92

<400> 154

ggattgaatt cctagaaatc tggattgaat tcctagaaat ctggattgaa ttcctagaaa 60
tct 63

<210> 155

<211> 60

<212> DNA

<213> Artificial sequence

SeqList.702.301.ST25.txt

<220>

<223> Hybridization probe MP94

<400> 155

gttccttttc tgggaaatac gttccttttc tgggaaatac gttccttttc tgggaaatac 60

<210> 156

<211> 75

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP96

<400> 156

tcctacctca ttttatatgc tctgctccta cctcatttta tatgctctgc tcctacctca 60

ttttatatgc tctgc 75

<210> 157

<211> 96

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP98

<400> 157

tctcctcagg tcatgacctg aatctttacga tctctcctca ggtcatgacc tgaatcttac 60

gatctctcct caggtcatga cctgaatctt acgatc 96

<210> 158

<211> 87

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP100

<400> 158

agctctctga cctcctgtga cctgaagcta gctctctgac ctctctgtgac ctgaagctag 60
 ctctctgacc tcctgtgacc tgaagct 87

<210> 159

<211> 69

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP102

<400> 159

ggtgtaggcc acgtgaccgg gtgggtgtag gccacgtgac cgggtgggtg taggccacgt 60
 gaccgggtg 69

<210> 160

<211> 84

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP104

<400> 160

agctctctga cctccttgac ctgaagctag ctctctgacc tccttgacct gaagctagct 60
 ctctgacctc cttgacctga agct 84

<210> 161

<211> 60

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP106

<400> 161

tctagaaaat tccagtctag aaaattccag tctagaaaat tccagtctag aaaattccag 60

<210> 162

<211> 60

<212> DNA

<213> Artificial sequence

<220>

<223> Hybridization probe MP108

<400> 162

gggccgggcg cagaggggcc gggcgagag gggccgggcg cagaggggcc gggcgagag 60